



EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

State Water Resources Control Board

Division of Drinking Water

March 12, 2018

System No. 3600222

Denise Johnson, General Manager
Juniper Riviera County Water District
P.O. Box 386
Apple Valley, CA 92307
jrcwd@basicisp.net

COMPLIANCE ORDER NO. 05-13-18R-001 FLUORIDE MAXIMUM CONTAMINANT LEVEL VIOLATION

Enclosed is Compliance Order No. 05-13-18R-001 (hereinafter "Order") issued to the Juniper Riviera County Water District (hereinafter "District") public water system. Please note there are legally enforceable deadlines associated with this Order.

The District will be billed at the State Water Resources Control Board's (hereinafter "State Water Board") hourly rate for the time spent on issuing this Order. California Health and Safety Code (hereinafter "CHSC"), Section 116577, provides that a public water system must reimburse the State Water Board for actual costs incurred by the State Water Board for specified enforcement actions, including but not limited to, preparing, issuing and monitoring compliance with an order. At this time, the State Water Board has spent approximately three hour(s) on enforcement activities associated with this violation.

The District will receive a bill sent from the State Water Board in August of the next fiscal year. This bill will contain fees for any enforcement time spent on the District for the current fiscal year.

Any person who is aggrieved by a citation, order or decision issued under authority delegated to an officer or employee of the state board under Article 8 (commencing with CHSC, Section 116625) or Article 9 (commencing with CHSC, Section 116650), of the Safe Drinking Water Act (CHSC, Division 104, Part 12, Chapter 4), may file a petition with the State Water Board for reconsideration of the citation, order or decision. Appendix 1 to the enclosed Citation contains the relevant statutory provisions for filing a petition for reconsideration (CHSC, Section 116701).

Petitions must be received by the State Water Board within 30 days of the issuance of the citation, order or decision by the officer or employee of the state board. The date of issuance is the date when the Division of Drinking Water mails a copy of the citation, order or decision. If the 30th day falls on a Saturday, Sunday, or state holiday, the petition is due the following business day by 5:00 p.m.

FELICIA MARCUS, CHAIR | EILEEN SOBECK, EXECUTIVE DIRECTOR

464 W. 4th Street, #437, San Bernardino, CA 92401 | www.waterboards.ca.gov

Information regarding filing petitions may be found at:

http://www.waterboards.ca.gov/drinking_water/programs/petitions/index.shtml

If you have any questions regarding this matter, please contact Amanda Chapman of my staff at 909-383-4320 or me at 909-383-4328.

Sincerely,

A handwritten signature in blue ink, appearing to read "Eric J. Zúñiga".

Eric J. Zúñiga, P.E.
District Engineer
San Bernardino District
Southern California Field Operations Branch

Enclosures

Certified Mail No. 7017 0660 0001 1704 7511

cc:

Diana Almond, San Bernardino EHS, via email at diana.almond@dph.sbcounty.gov

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
DIVISION OF DRINKING WATER

Name of Public Water System: Juniper Riviera County Water District

Water System No: 3600222

Attention: Denise Johnson, General Manager

P.O. Box 386

Apple Valley, CA 92307

Issued: March 12, 2018

COMPLIANCE ORDER FOR NONCOMPLIANCE
FLUORIDE MAXIMUM CONTAMINANT LEVEL VIOLATION
CALIFORNIA CODE OF REGULATIONS, TITLE 22, SECTION 64431
2017

The California Health and Safety Code (hereinafter "CHSC"), Section 116655 authorizes the State Water Resources Control Board (hereinafter "State Water Board") to issue a compliance order to a public water system when the State Water Board determines that the public water system has violated or is violating the California Safe Drinking Water Act (hereinafter "California SDWA"), (CHSC, Division 104, Part 12, Chapter 4, commencing with Section 116270), or any regulation, standard, permit, or order issued or adopted thereunder.

1 The State Water Board, acting by and through its Division of Drinking Water (hereinafter
2 "Division") and the Deputy Director for the Division, hereby issues Compliance Order No.
3 05-13-18R-001 (hereinafter "Order") pursuant to Section 116655 of the CHSC to the
4 Juniper Riviera County Water District (hereinafter "District") for violation of CHSC,
5 Section 116555(a)(1) and California Code of Regulations (hereinafter "CCR"), Title 22,
6 Section 64431 Maximum Contaminant Levels (hereinafter "MCL") – Inorganic
7 Chemicals.

8
9 A copy of the applicable statutes and regulations are included in Appendix 1, which is
10 attached hereto and incorporated by reference.

11 12 **STATEMENT OF FACTS**

13 The District is classified as a community public water system with a population of 441
14 persons served through 250 service connections. The Juniper Riviera County Water
15 District operates under Domestic Water Supply Permit No. 05-13-08P-002 issued by the
16 State Water Board on February 7, 2008.

17
18 CHSC, Section 116555(a)(1) requires all public water systems to comply with primary
19 drinking water standards as defined in CHSC, Section 116275(c). Primary drinking water
20 standards include maximum levels of contaminants and the monitoring and reporting
21 requirements as specified in regulations adopted by the State Water Board that pertain
22 to maximum contaminant levels.

23
24 The State Water Board received laboratory results for seven fluoride samples collected
25 in 2016, 2017, and 2018 from Well 2. The running annual average for fluoride
26 concentration from the seven samples was 2.1 mg/L. A summary of the District's most
27 recent fluoride monitoring results are presented in Table 1 below:

Table 1 – Well 2 Fluoride Sample Results

Sample Date	Result (mg/L)	Type of Sample	Running Annual Average
10-17-2016	2.1	Initial	--
12-05-2016	2.0	Confirmation	--
02-17-2017	2.0	1 st Quarter 2017	--
05-19-2017	2.3	2 nd Quarter 2017	--
08-18-2017	2.0	3 rd Quarter 2017	2.1
11-17-2017	2.2	4 th Quarter 2017	2.1
02-09-2018	2.0	1 st Quarter 2018	2.1

The District received citation number 05-13-17C-022 dated November 6, 2017 for failure to comply with the fluoride maximum contaminant level for September 2017. The District submitted a corrective action plan dated December 8, 2017 to address the steps that will be taken to comply with the fluoride MCL and is hereby approved by the Division. A 4th quarter progress report and 4th quarter well production logs were also submitted. Notification to the public of the fluoride violation was performed by the District on November 22, 2017 in conformance with CCR, Title 22, Sections 64463.4(b) and (c) and 64465.

DETERMINATION

CCR, Title 22, Section 64431, Monitoring Contaminant Levels – Inorganic Chemicals states that public water systems shall comply with the primary MCLs established in table 64431-A (see Appendix 1). The MCL for fluoride is 2.0 mg/L.

Based on the above Statement of Facts, the State Water Board has determined that the District has failed to comply with primary drinking water standards pursuant to CHSC, Section 116555(a)(1) and the fluoride MCL pursuant to CCR, Title 22, Section 64431.

DIRECTIVES

To ensure that the water supplied by the District is at all times safe, wholesome, healthful, and potable, the District is hereby directed to take the following actions:

1. On or before **May 31, 2021**, comply with CCR, Title 22, Section 64431.
2. Quarterly sampling for fluoride from Well 2 shall begin by **March 31, 2018**, and shall continue every three months thereafter. The District shall ensure that the analytical results are reported to the State Water Board electronically by the analyzing laboratory no later than the 10th day following the month in which the analysis was completed.
3. Quarterly public notification to the customers of the District shall begin by **March 31, 2018** and continue quarterly until the State Water Board determines that the fluoride contamination is resolved. Public Notification shall be conducted in conformance with CCR, Title 22, Sections 64463.4 and 64465. A copy of Sections 64463.4 and 64465 is included in Appendix 1. Appendix 2: Notification Template shall be used to fulfill this directive, unless otherwise approved by the State Water Board.
 - Public notification for new customers shall be conducted in conformance with CCR, Title 22, Section 64463(e) where the District shall give new customers a copy of the most recent public notice prior to or at any time service begins.
 - Quarterly public notification shall be provided even when a fluoride result shows a concentration below the fluoride MCL. The notice shall be updated to include the following wording:

1 *"Although the fluoride level(s) during the most recent monitoring period*
2 *showed results below the MCL, fluoride levels in the water tend to fluctuate*
3 *and it is possible that the fluoride level may increase at any time between*
4 *sampling events. Public notification will continue until the fluoride problem is*
5 *resolved."*

- 6
- 7 4. Complete Appendix 3: Certification of Completion of Notification Form. Submit it
8 together with a copy of the public notification conducted in compliance with
9 Directive No. 3, to the State Water Board within 10 days following each
10 notification.
- 11
- 12 5. On or before **June 29, 2018**, complete a median household income survey and
13 submit the survey results to the State Water Board.
- 14
- 15 6. On or before **April 30, 2019**, complete a preliminary engineering report with
16 project recommendations to achieve final compliance and submit the report to the
17 State Water Board.
- 18
- 19 7. On or before **December 31, 2019**, complete the final design of the selected
20 treatment project and submit the report to the State Water Board.
- 21
- 22 8. On or before **December 31, 2020**, begin construction on the selected treatment
23 project.
- 24
- 25 9. Perform the State Water Board approved Corrective Action Plan included in
26 Appendix 6, and each and every element of said plan, according to the time
27 schedule set forth therein.
- 28

10. On or before **March 31, 2018** and every three months thereafter, submit a report to the State Water Board in the form provided as Appendix 4 showing actions taken during the previous quarter (calendar three months) to comply with the Corrective Action Plan.

11. Not later than ten (10) days following **May 1, 2020**, demonstrate to the State Water Board that the water delivered by the District complies with the fluoride MCL.

12. Notify the State Water Board in writing no later than five (5) days prior to the deadline for performance of any Directive set forth herein if the District anticipates it will not timely meet such performance deadline.

13. By **March 30, 2018**, complete and return to the State Water Board the "Notification of Receipt" form attached to this Order as Appendix 5. Completion of this form confirms that the District has received this Order and understands that it contains legally enforceable directives with due dates.

All submittals required by this Order, with exception of analytical results, shall be electronically submitted to the State Water Board at the following address. The subject line for all electronic submittals corresponding to this Order shall include the following information: Water System name and number, compliance order number and title of the document being submitted.

Eric J. Zúñiga

District Engineer

Dwpdist13@waterboards.ca.gov

1 The State Water Board reserves the right to make modifications to this Order as it may
2 deem necessary to protect public health and safety. Such modifications may be issued
3 as amendments to this Order and shall be effective upon issuance.

4
5 Nothing in this Order relieves the District of its obligation to meet the requirements of the
6 California SDWA (CHSC, Division 104, Part 12, Chapter 4, commencing with Section
7 116270), or any regulation, standard, permit or order issued or adopted thereunder.

8 9 **PARTIES BOUND**

10 This Order shall apply to and be binding upon the District, its owners, shareholders,
11 officers, directors, agents, employees, contractors, successors, and assignees.

12 13 **SEVERABILITY**

14 The directives of this Order are severable, and the District shall comply with each and
15 every provision thereof notwithstanding the effectiveness of any provision.

16 17 **FURTHER ENFORCEMENT ACTION**

18 The California SDWA authorizes the State Water Board to: issue a citation or order with
19 assessment of administrative penalties to a public water system for violation or continued
20 violation of the requirements of the California SDWA or any regulation, permit, standard,
21 citation, or order issued or adopted thereunder including, but not limited to, failure to
22 correct a violation identified in a citation or compliance order. The California SDWA also
23 authorizes the State Water Board to take action to suspend or revoke a permit that has
24 been issued to a public water system if the public water system has violated applicable
25 law or regulations or has failed to comply with an order of the State Water Board, and to
26 petition the superior court to take various enforcement measures against a public water
27 system that has failed to comply with an order of the State Water Board. The State
28 Water Board does not waive any further enforcement action by issuance of this Order.

Sean F. McCarthy
Sean F. McCarthy, P.E.

March 12, 2018

Date

Chief, South Coast Section

Southern California Field Operations Branch

Appendices 6:

1. Applicable Statutes and Regulations
2. Notification Template
3. Certification of Completion of Public Notification
4. Quarterly Progress Report
5. Notification of Receipt
6. District Corrective Action Plan

Certified Mail No. 7017 0660 0001 1704 7511

**APPENDIX 1. APPLICABLE STATUTES AND REGULATIONS FOR
Compliance Order No. 05-13-18R-001
Fluoride Maximum Contaminant Level Violation**

NOTE: The following language is provided for the convenience of the recipient, and cannot be relied upon as the State of California's representation of the law. The published codes are the only official representation of the law. Regulations related to drinking water are in Titles 22 and 17 of the California Code of Regulations. Statutes related to drinking water are in the Health & Safety Code, the Water Code, and other codes.

California Health and Safety Code (CHSC):

Section 116271 states in relevant part:

(a) The State Water Resources Control Board succeeds to and is vested with all of the authority, duties, powers, purposes, functions, responsibilities, and jurisdiction of the State Department of Public Health, its predecessors, and its director for purposes of all of the following:

- (1) The Environmental Laboratory Accreditation Act (Article 3 (commencing with Section 100825) of Chapter 4 of Part 1 of Division 101).
- (2) Article 3 (commencing with Section 106875) of Chapter 4 of Part 1.
- (3) Article 1 (commencing with Section 115825) of Chapter 5 of Part 10.
- (4) This chapter and the Safe Drinking Water State Revolving Fund Law of 1997 (Chapter 4.5 (commencing with Section 116760)).
- (5) Article 2 (commencing with Section 116800), Article 3 (commencing with Section 116825), and Article 4 (commencing with Section 116875) of Chapter 5.
- (6) Chapter 7 (commencing with Section 116975).
- (7) The Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006 (Division 43 (commencing with Section 75001) of the Public Resources Code).
- (8) The Water Recycling Law (Chapter 7 (commencing with Section 13500) of Division 7 of the Water Code).
- (9) Chapter 7.3 (commencing with Section 13560) of Division 7 of the Water Code.
- (10) The California Safe Drinking Water Bond Law of 1976 (Chapter 10.5 (commencing with Section 13850) of Division 7 of the Water Code).
- (11) Wholesale Regional Water System Security and Reliability Act (Division 20.5 (commencing with Section 73500) of the Water Code).
- (12) Water Security, Clean Drinking Water, Coastal and Beach Protection Act of 2002 (Division 26.5 (commencing with Section 79500) of the Water Code).

(b) The State Water Resources Control Board shall maintain a drinking water program and carry out the duties, responsibilities, and functions described in this section. Statutory reference to "department," "state department," or "director" regarding a function transferred to the State Water Resources Control Board shall refer to the State Water Resources Control Board. This section does not impair the authority of a local health officer to enforce this chapter or a county's election not to enforce this chapter, as provided in Section 116500...

- (k)
- (1) The State Water Resources Control Board shall appoint a deputy director who reports to the executive director to oversee the issuance and enforcement of public water system permits and other duties as appropriate. The deputy director shall have public health expertise.
 - (2) The deputy director is delegated the State Water Resources Control Board's authority to provide notice, approve notice content, approve emergency notification plans, and take other action pursuant to Article 5 (commencing with Section 116450), to issue, renew, reissue, revise, amend, or deny any public water system permits pursuant to Article 7 (commencing with Section 116525), to suspend or revoke any public water system permit pursuant to Article 8 (commencing with Section 116625), and to issue citations, assess penalties, or issue orders pursuant to Article 9 (commencing with Section 116650). Decisions and actions of the deputy director taken pursuant to Article 5 (commencing with Section 116450) or Article 7 (commencing with Section 116525) are deemed decisions and actions taken, but are not subject to reconsideration, by the State Water Resources Control Board. Decisions and actions of the deputy director taken pursuant to Article 8 (commencing with Section 116625) and Article 9 (commencing with Section 116650) are deemed decisions and actions taken by the State Water Resources Control Board, but any aggrieved person may petition the State Water Resources Control Board for reconsideration of the decision or action. This subdivision is not a limitation on the State Water Resources Control Board's authority to delegate any other powers and duties.

Section 116275 states in relevant part:

(c) "Primary drinking water standards" means:

(1) Maximum levels of contaminants that, in the judgment of the state board, may have an adverse effect on the health of persons.

(2) Specific treatment techniques adopted by the state board in lieu of maximum contaminant levels pursuant to subdivision (j) of Section 116365.

(3) The monitoring and reporting requirements as specified in regulations adopted by the state board that pertain to maximum contaminant levels.

Section 116555 states in relevant part:

(a) Any person who owns a public water system shall ensure that the system does all of the following:

(1) Complies with primary and secondary drinking water standards.

(2) Will not be subject to backflow under normal operating conditions.

(3) Provides a reliable and adequate supply of pure, wholesome, healthful, and potable water.

Section 116577. Enforcement fee states:

(a) Each public water system shall reimburse the state board for actual costs incurred by the state board for any of the following enforcement activities related to that water system:

(1) Preparing, issuing, and monitoring compliance with, an order or a citation.

(2) Preparing and issuing public notification.

(3) Conducting a hearing pursuant to Section 116625. *NOTE: This publication includes a variety of (b) The state board shall submit an invoice for these enforcement costs to the public water system that requires payment before September 1 of the fiscal year following the fiscal year in which the costs were incurred. The invoice shall indicate the total hours expended, the reasons for the expenditure, and the hourly cost rate of the state board. The costs set forth in the invoice shall not exceed the total actual costs to the state board of enforcement activities specified in this section.*

(c) Notwithstanding the reimbursement of enforcement costs of the local primacy agency pursuant to subdivision (a) of Section 116595 by a public water system under the jurisdiction of the local primacy agency, a public water system shall also reimburse enforcement costs, if any, incurred by the state board pursuant to this section.

(d) "Enforcement costs," as used in this section, does not include "litigation costs" pursuant to Section 116585.

(e) The state board shall not be entitled to enforcement costs pursuant to this section if a court determines that enforcement activities were in error.

(f) Payment of the invoice shall be made within 90 days of the date of the invoice. Failure to pay the invoice within 90 days shall result in a 10-percent late penalty that shall be paid in addition to the invoiced amount.

(g) The state board may, at its sole discretion, waive payment by a public water system of all or any part of the invoice or penalty.

Section 116625 (Revocation and suspension of permits) states:

(a) The department, after a hearing noticed and conducted as provided in Section 100171, may suspend or revoke any permit issued pursuant to this chapter if the department determines pursuant to the hearing that the permittee is not complying with the permit, this chapter, or any regulation, standard, or order issued or adopted thereunder, or that the permittee has made a false statement or representation on any application, record, or report maintained or submitted for purposes of compliance with this chapter. If the permit at issue has been temporarily suspended pursuant to subdivision (c), the accusation shall be served and notice of the hearing date given within 15 days of the effective date of the temporary suspension order. The commencement of the hearing shall be as soon as practicable, but in no case later than 60 days after the effective date of the temporary suspension order.

(b) The permittee may file with the superior court a petition for a writ of mandate for review of any decision of the department made pursuant to subdivision (a). Failure to file a petition shall not preclude a party from challenging the reasonableness or validity of a decision of the department in any judicial proceeding to enforce the decision or from pursuing any remedy authorized by this chapter.

(c) The department may temporarily suspend any permit issued pursuant to this chapter prior to any hearing when the action is necessary to prevent an imminent or substantial danger to health. The director shall notify the permittee of the temporary suspension and the effective date thereof and, at the same time, notify the permittee that a hearing has been scheduled. The hearing shall be held as soon as possible, but not later than 15 days after the effective date of the temporary suspension and shall deal only with the issue of whether the temporary suspension shall remain in place pending a hearing on the merits. The temporary suspension shall remain in effect until the hearing is completed and the director has made a final determination on the temporary suspension, that in any event shall be made within 15 days after the completion of the hearing. If the determination is not transmitted within 15 days after the hearing is completed, the temporary suspension shall be of no further effect. Dissolution of the temporary suspension does not deprive the department of jurisdiction to proceed with a hearing on the merits under subdivision (a).

Section 116655. Orders states

(a) Whenever the state board determines that any person has violated or is violating this chapter, or any order, permit, regulation, or standard issued or adopted pursuant to this chapter, the state board may issue an order doing any of the following:

- (1) Directing compliance forthwith.
- (2) Directing compliance in accordance with a time schedule set by the state board.
- (3) Directing that appropriate preventive action be taken in the case of a threatened violation.

(b) An order issued pursuant to this section may include, but shall not be limited to, any or all of the following requirements:

- (1) That the existing plant, works, or system be repaired, altered, or added to.
- (2) That purification or treatment works be installed.
- (3) That the source of the water supply be changed.
- (4) That no additional service connection be made to the system.
- (5) That the water supply, the plant, or the system be monitored.
- (6) That a report on the condition and operation of the plant, works, system, or water supply be submitted to the state board.

Section 116701 (Petitions to Orders and Decisions) states:

(a) Within 30 days of issuance of an order or decision issued by the deputy director under Article 8 (commencing with Section 116625) or Article 9 (commencing with Section 116650), an aggrieved person may petition the state board for reconsideration. Where the order or decision of the deputy director is issued after a hearing under Chapter 5 (commencing with Section 11500) of Part 1 of Division 3 of Title 2 of the Government Code, this section shall apply instead of Section 11521 of the Government Code.

(b) The petition shall include the name and address of the petitioner, a copy of the order or decision for which the petitioner seeks reconsideration, identification of the reason the petitioner alleges the issuance of the order was inappropriate or improper, the specific action the petitioner requests, and other information as the state board may prescribe. The petition shall be accompanied by a statement of points and authorities of the legal issues raised by the petition.

(c) The evidence before the state board shall consist of the record before the deputy director and any other relevant evidence that, in the judgment of the state board, should be considered to implement the policies of this chapter. The state board may, in its discretion, hold a hearing for receipt of additional evidence.

(d) The state board may refuse to reconsider the order or decision if the petition fails to raise substantial issues that are appropriate for review, may deny the petition upon a determination that the issuance of the order or decision was appropriate and proper, may set aside or modify the order or decision, or take other appropriate action. The state board's action pursuant to this subdivision shall constitute the state board's completion of its reconsideration.

(e) The state board, upon notice and hearing, if a hearing is held, may stay in whole or in part the effect of the order or decision of the deputy director.

(f) If an order of the deputy director is subject to reconsideration under this section, the filing of a petition for reconsideration is an administrative remedy that must be exhausted before filing a petition for writ of mandate under Section 116625 or 116700.

California Code of Regulations, Title 22 (CCR):

Section 64431. Maximum Contaminant Levels--Inorganic Chemicals states:

Public water systems shall comply with the primary MCLs in table 64431-A as specified in this article.

**Table 64431-A
Maximum Contaminant Levels
Inorganic Chemicals**

<i>Chemical</i>	<i>Maximum Contaminant Level, mg/L</i>
Aluminum	1.
Antimony	0.006
Arsenic	0.010
Asbestos	7 MFL*
Barium	1.
Beryllium	0.004
Cadmium	0.005
Chromium	0.05
Cyanide	0.15
Fluoride	2.0
Hexavalent chromium	0.010
Mercury	0.002

Appendix 1. Applicable Statutes And Regulations
Compliance Order No. 05-13-18R-001

Nickel	0.1
Nitrate (as nitrogen)	10.
Nitrate+Nitrite (sum as nitrogen)	10.
Nitrite (as nitrogen)	1.
Perchlorate	0.006
Selenium	0.05
Thallium	0.002

* MFL=million fibers per liter; MCL for fibers exceeding 10 µm in length.

Section 64432. Monitoring and Compliance--Inorganic Chemicals.

(a) All public water systems shall monitor to determine compliance with the nitrate and nitrite MCLs in table 64431-A, pursuant to subsections (d) through (f) and Section 64432.1. All community and nontransient-noncommunity water systems shall monitor to determine compliance with the perchlorate MCL, pursuant to subsections (d), (e), and (l), and section 64432.3. All community and nontransient-noncommunity water systems shall also monitor to determine compliance with the other MCLs in table 64431-A, pursuant to subsections (b) through (n) and, for asbestos, section 64432.2. Monitoring shall be conducted in the year designated by the State Board of each compliance period beginning with the compliance period starting January 1, 1993.

(b) Unless directed otherwise by the State Board, each community and nontransient-noncommunity water system shall initiate monitoring for an inorganic chemical within six months following the effective date of the regulation establishing the MCL for the chemical and the addition of the chemical to table 64431-A.

(1) If otherwise performed in accordance with this section, groundwater monitoring for an inorganic chemical performed no more than two years prior to the effective date of the regulation establishing the MCL may be used to satisfy the requirement for initiating monitoring within six months following such effective date.

(2) For routine monitoring required in subsection (c), chromium monitoring may be used in lieu of hexavalent chromium monitoring if the chromium results are less than the chromium DLR set forth in table 64432-A.

(c) Unless more frequent monitoring is required pursuant to this Chapter, the frequency of monitoring for the inorganic chemicals listed in table 64431-A, except for asbestos, nitrate/nitrite, and perchlorate, shall be as follows:

(1) Each compliance period, all community and nontransient-noncommunity systems using groundwater shall monitor once during the year designated by the State Board. The State Board will designate the year based on historical monitoring frequency and laboratory capacity. All community and nontransient-noncommunity systems using approved surface water shall monitor annually. All systems monitoring at distribution entry points which have combined surface and groundwater sources shall monitor annually.

(2) Quarterly samples shall be collected and analyzed for any chemical if analyses of such samples indicate a continuous or persistent trend toward higher levels of that chemical, based on an evaluation of previous data.

(d) For the purposes of sections 64432, 64432.1, 64432.2, and 64432.3, detection shall be defined by the detection limits for purposes of reporting (DLRs) in table 64432-A.

Table 64432-A

Detection Limits for Purposes of Reporting (DLRs) for Regulated Inorganic Chemicals

<i>Chemical</i>	<i>Detection Limit for Purposes of Reporting (DLR) (mg/L)</i>
Aluminum	0.05
Antimony	0.006
Arsenic	0.002
Asbestos	0.2 MFL>10µm*
Barium	0.1
Beryllium	0.001
Cadmium	0.001
Chromium	0.01
Cyanide	0.1
Fluoride	0.1
Hexavalent chromium	0.001
Mercury	0.001
Nickel	0.01
Nitrate (as nitrogen)	0.4
Nitrite (as nitrogen)	0.4
Perchlorate	0.004
Selenium	0.005
Thallium	0.001

* MFL=million fibers per liter; DLR for fibers exceeding 10 um in length.

(e) Samples shall be collected from each water source or a supplier may collect a minimum of one sample at every entry point to the distribution system which is representative of each source after treatment. The system shall collect each sample at the same sampling site, unless a change is approved by the State Board.

(f) A water system may request approval from the State Board to composite samples from up to five sampling sites, provided that the number of sites to be composited is less than the ratio of the MCL to the DLR. Approval will be based on a review of three years of historical data, well construction and aquifer information for groundwater, and intake location, similarity of sources, and watershed characteristics for surface water. Compositing shall be done in the laboratory.

(1) Systems serving more than 3,300 persons shall composite only from sampling sites within a single system. Systems serving 3,300 persons or less may composite among different systems up to the 5-sample limit.

(2) If any inorganic chemical is detected in the composite sample at a level equal to or greater than one fifth of the MCL, a follow-up sample shall be analyzed within 14 days from each sampling site included in the composite for the contaminants which exceeded the one-fifth-MCL level. If available, duplicates of the original sample taken from each sampling site used in the composite may be used instead of resampling; the analytical results shall be reported within 14 days. The water supplier may collect up to two additional samples each from one or more of the sources to confirm the result(s).

(3) Compliance for each site shall be determined on the basis of the individual follow-up samples, or on the average of the follow-up and confirmation sample(s) if the supplier collects confirmation sample(s) for each detection.

(g) If the level of any inorganic chemical, except for nitrate, nitrite, nitrate plus nitrite, or perchlorate, exceeds the MCL, the water supplier shall do one of the following:

(1) Inform the State Board within 48 hours and monitor quarterly beginning in the next quarter after the exceedance occurred; or

(2) Inform the State Board within seven days from the receipt of the analysis and, as confirmation, collect one additional sample within 14 days from receipt of the analysis. If the average of the two samples collected exceeds the MCL, this information shall be reported to the State Board within 48 hours and the water supplier shall monitor quarterly beginning in the next quarter after the exceedance occurred.

(h) If the concentration of an inorganic chemical exceeds ten times the MCL, within 48 hours of receipt of the result the water supplier shall notify the State Board and resample as confirmation. The water supplier shall notify the State Board of the result(s) of the confirmation sample(s) within 24 hours of receipt of the confirmation result(s).

(1) If the average concentration of the original and confirmation sample(s) is less than or equal to ten times the MCL, the water supplier shall monitor quarterly beginning in the quarter following the quarter in which the exceedance occurred.

(2) If the average concentration of the original and confirmation sample(s) exceeds ten times the MCL, the water supplier shall, if directed by the State Board;

(A) Immediately discontinue use of the contaminated water source; and

(B) Not return the source to service without written approval from the State Board.

(i) Compliance with the MCLs shall be determined by a running annual average; if any one sample would cause the annual average to exceed the MCL, the system is immediately in violation. If a system takes more than one sample in a quarter, the average of all the results for that quarter shall be used when calculating the running annual average. If a system fails to complete four consecutive quarters of monitoring, the running annual average shall be based on an average of the available data.

(j) If a system using groundwater has collected a minimum of two quarterly samples or a system using approved surface water has collected a minimum of four quarterly samples and the sample results have been below the MCL, the system may apply to the State Board for a reduction in monitoring frequency.

(k) Water quality data collected prior to January 1, 1990, and/or data collected in a manner inconsistent with this section shall not be used in the determination of compliance with the monitoring requirements for inorganic chemicals.

(l) Water quality data collected in compliance with the monitoring requirements of this section by a wholesaler providing water to a public water system shall be acceptable for use by that system for compliance with the monitoring requirements of this section.

(m) A water system may apply to the State Board for a waiver from the monitoring frequencies specified in subsection (c)(1), if the system has conducted at least three rounds of monitoring (three periods for groundwater sources or three years for approved surface water sources) and all previous analytical results are less than the MCL. The water system shall specify the basis for its request. If granted a waiver, a system shall collect a minimum of one sample per source while the waiver is in effect and the term of the waiver shall not exceed one compliance cycle (i.e., nine years).

(n) A water system may be eligible for a waiver from the monitoring frequencies for cyanide specified in subsection (c)(1) without any prior monitoring if it is able to document that it is not vulnerable to cyanide contamination pursuant to the requirements in §64445(d)(1) or (d)(2).

(o) Transient-noncommunity water systems shall monitor for the inorganic chemicals in table 64431-A as follows:

(1) All sources shall be monitored at least once for fluoride; and

(2) Surface water sources for parks and other facilities with an average daily population use of more than 1,000 people and/or which are determined to be subject to potential contamination based on a sanitary survey shall be monitored at the same frequency as community water systems.

§64463. General Public Notification Requirements.

(e) Each water system shall give new customers public notice of any acute violation as specified in section 64463.1(a) that occurred within the previous thirty days, any continuing violation, the existence of a variance or exemption, and/or any other ongoing occurrence that the State Board has determined poses a potential risk of adverse effects on human health [based on a review of estimated exposures and toxicological data associated with the contaminant(s)] and requires a public notice. Notice to new customers shall be given as follows:

(1) Community water systems shall give a copy of the most recent public notice prior to or at the time service begins; and

(2) Noncommunity water systems shall post the most recent public notice in conspicuous locations for as long as the violation, variance, exemption, or other occurrence continues.

Section 64463.1 (Tier 1 Public Notice) states in relevant part:

(a) A water system shall give public notice pursuant to this section and section 64465 if any of the following occurs:

(1) Violation of the total coliform MCL when:

(A) Fecal coliform or E. coli are present in the distribution system; or

(B) When any repeat sample tests positive for coliform and the water system fails to test for fecal coliforms or E. coli in the repeat sample;...

(b) As soon as possible within 24 hours after learning of any of the violations in subsection (a) or being notified by the State Board that it has determined there is a potential for adverse effects on human health [pursuant to paragraph (a)(4), (5), or (6)], the water system shall:

(1) Give public notice pursuant to this section;

(2) Initiate consultation with the State Board within the same timeframe; and

(3) Comply with any additional public notice requirements that are determined by the consultation to be necessary to protect public health.

(c) A water system shall deliver the public notice in a manner designed to reach residential, transient, and nontransient users of the water system and shall use, as a minimum, one of the following forms:

(1) Radio or television;

(2) Posting in conspicuous locations throughout the area served by the water system;

(3) Hand delivery to persons served by the water system; or

(4) Other method approved by the State Board, based on the method's ability to inform water system users.

Section 64463.4 (Tier 2 Public Notice) states:

(a) A water system shall give public notice pursuant to this section if any of the following occurs:

(1) Any violation of the MCL, MRDL, and treatment technique requirements, except:

(A) Where a Tier 1 public notice is required under section 64463.1; or

(B) Where the State Board determines that a Tier 1 public notice is required, based on potential health impacts and persistence of the violations;

(2) All violations of the monitoring and testing procedure requirements in sections 64421 through 64426.1, article 3 (Primary Standards – Bacteriological Quality), for which the State Board determines that a Tier 2 rather than a Tier 3 public notice is required, based on potential health impacts and persistence of the violations;

(3) Other violations of the monitoring and testing procedure requirements in this chapter, and chapters 15.5, 17 and 17.5, for which the State Board determines that a Tier 2 rather than a Tier 3 public notice is required, based on potential health impacts and persistence of the violations; or

(4) Failure to comply with the terms and conditions of any variance or exemption in place.

(b) A water system shall give the notice as soon as possible within 30 days after it learns of a violation or occurrence specified in subsection (a), except that the water system may request an extension of up to 60 days for providing the notice. This extension would be subject to the State Board's written approval based on the violation or occurrence having been resolved and the State Board's determination that public health and welfare would in no way be adversely affected. In addition, the water system shall:

(1) Maintain posted notices in place for as long as the violation or occurrence continues, but in no case less than seven days;

(2) Repeat the notice every three months as long as the violation or occurrence continues. Subject to the State Board's written approval based on its determination that public health would in no way be adversely affected, the water system may be allowed to notice less frequently but in no case less than once per year. No allowance for reduced frequency of notice shall be given in the case of a total coliform MCL violation or violation of a Chapter 17 treatment technique requirement; and

(3) For turbidity violations pursuant to sections 64652.5(c)(2) and 64653(c), (d) and (f), as applicable, a water system shall consult with the State Board as soon as possible within 24 hours after the water system learns of the violation to determine whether a Tier 1 public notice is required.

If consultation does not take place within 24 hours, the water system shall give Tier 1 public notice within 48 hours after learning of the violation.

(c) A water system shall deliver the notice, in a manner designed to reach persons served, within the required time period as follows:

(1) Unless otherwise directed by the State Board in writing based on its assessment of the violation or occurrence and the potential for adverse effects on public health and welfare, community water systems shall give public notice by;

(A) Mail or direct delivery to each customer receiving a bill including those that provide their drinking water to others (e.g., schools or school systems, apartment building owners, or large private employers), and other service connections to which water is delivered by the water system; and

(B) Use of one or more of the following methods to reach persons not likely to be reached by a mailing or direct delivery (renters, university students, nursing home patients, prison inmates, etc.):

1. Publication in a local newspaper;
2. Posting in conspicuous public places served by the water system, or on the Internet; or
3. Delivery to community organizations.

(2) Unless otherwise directed by the State Board in writing based on its assessment of the violation or occurrence and the potential for adverse effects on public health and welfare, noncommunity water systems shall give the public notice by:

(A) Posting in conspicuous locations throughout the area served by the water system; and
(B) Using one or more of the following methods to reach persons not likely to be reached by a public posting:

1. Publication in a local newspaper or newsletter distributed to customers;
2. E-mail message to employees or students;
3. Posting on the Internet or intranet; or
4. Direct delivery to each customer.

Section 64465 (Public Notice Content and Format) states in relevant part:

(a) Each public notice given pursuant to this article, except Tier 3 public notices for variances and exemptions pursuant to subsection (b), shall contain the following:

- (1) A description of the violation or occurrence, including the contaminant(s) of concern, and (as applicable) the contaminant level(s);
- (2) The date(s) of the violation or occurrence;
- (3) Any potential adverse health effects from the violation or occurrence, including the appropriate standard health effects language from appendices 64465-A through G;
- (4) The population at risk, including subpopulations particularly vulnerable if exposed to the contaminant in drinking water;
- (5) Whether alternative water supplies should be used;
- (6) What actions consumers should take, including when they should seek medical help, if known;
- (7) What the water system is doing to correct the violation or occurrence;
- (8) When the water system expects to return to compliance or resolve the occurrence;
- (9) The name, business address, and phone number of the water system owner, operator, or designee of the water system as a source of additional information concerning the public notice;
- (10) A statement to encourage the public notice recipient to distribute the public notice to other persons served, using the following standard language: —Please share this information with all the other people who drink this water, especially those who may not have received this public notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this public notice in a public place or distributing copies by hand or mail; and
- (11) For a water system with a monitoring and testing procedure violation, this language shall be included: “We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not your drinking water meets health standards. During [compliance period dates], we [‘did not monitor or test’ or ‘did not complete all monitoring or testing’] for [contaminant(s)], and therefore, cannot be sure of the quality of your drinking water during that time.” ...

(c) A public water system providing notice pursuant to this article shall comply with the following multilingual-related requirements:

(2) For a Tier 2 or Tier 3 public notice:

(A) The notice shall contain information in Spanish regarding the importance of the notice, or contain a telephone number or address where Spanish-speaking residents may contact the public water system to obtain a translated copy of the notice or assistance in Spanish; and

(B) When a non-English speaking group other than Spanish-speaking exceeds 1,000 residents or 10 percent of the residents served by the public water system, the notice shall include:

1. Information in the appropriate language(s) regarding the importance of the notice; or
2. A telephone number or address where such residents may contact the public water system to obtain a translated copy of the notice or assistance in the appropriate language; and

(3) For a public water system subject to the Dymally-Alatorre Bilingual Services Act, Chapter 17.5, Division 7, of the Government Code (commencing with section 7290), meeting the requirements of this Article may not ensure compliance with the Dymally-Alatorre Bilingual Services Act.

(d) Each public notice given pursuant to this article shall:

- (1) Be displayed such that it catches people's attention when printed or posted and be formatted in such a way that the message in the public notice can be understood at the eighth-grade level;
- (2) Not contain technical language beyond an eighth-grade level or print smaller than 12 point; and
- (3) Not contain language that minimizes or contradicts the information being given in the public notice.

Appendix 64465-D. Health Effects Language - Inorganic Contaminants.

Contaminant	Health Effects Language
Fluoride	<p><i>For the Consumer Confidence Report:</i> Some people who drink water containing fluoride in excess of the federal MCL of 4 mg/L over many years may get bone disease, including pain and tenderness of the bones. Children who drink water containing fluoride in excess of the state MCL of 2 mg/L may get mottled teeth.</p> <p><i>For a Public Notice:</i> This is an alert about your drinking water and a cosmetic dental problem that might affect children under nine years of age. At low levels, fluoride can help prevent cavities, but children drinking water containing more than 2 milligrams per liter (mg/L) of fluoride may develop cosmetic discoloration of their permanent teeth (dental fluorosis). The drinking water provided by your community water system [name] has a fluoride concentration of [insert value] mg/L. Dental fluorosis may result in a brown staining and/or pitting of the permanent teeth. This problem occurs only in developing teeth, before they erupt from the gums. Children under nine should be provided with alternative sources of drinking water or water that has been treated to remove the fluoride to avoid the possibility of staining and pitting of their permanent teeth. You may also want to contact your dentist about proper use by young children of fluoride-containing products. Older children and adults may safely drink the water. Drinking water containing more than 4 mg/L of fluoride can increase your risk of developing bone disease.</p> <p>For more information, please call [water system contact name] of [water system name] at [phone number]. Some home water treatment units are also available to remove fluoride from drinking water. To learn more about available home water treatment units, you may call the State Board's Residential Water Treatment Device Registration Unit at (916) 449-5600.</p>

Section 64469 (Reporting Requirements) states in relevant part:

(d) Within 10 days of giving initial or repeat public notice pursuant to Article 18 of this Chapter, except for notice given under section 64463.7(d), each water system shall submit a certification to the State Board that it has done so, along with a representative copy of each type of public notice given.

Section 64481 (Content of the Consumer Confidence Report) states in relevant part:

(g) For the year covered by the report, the Consumer Confidence Report shall note any violations of paragraphs (1) through (7) and give related information, including any potential adverse health effects, and the steps the system has taken to correct the violation.

- (1) Monitoring and reporting of compliance data.

Appendix 2

Instructions for Tier 2 Fluoride MCL Notice Template
(This template is intended for sources in which fluoride occurs naturally)

Template Attached

Since exceeding the fluoride maximum contaminant level (MCL) is a Tier 2 violation, you must provide public notice to persons served as soon as practical but within 30 days after you learn of the violation [California Code of Regulations, Title 22, Chapter 15, Section 64463.4(b)]. **Each water system required to give public notice must submit the notice to the State Water Resources Control Board, Division of Drinking Water (DDW) for approval prior to distribution or posting, unless otherwise directed by the DDW [64463(b)].**

Notification Methods

You must use the methods summarized in the table below to deliver the notice to consumers. If you mail, post, or hand deliver, print your notice on letterhead, if available.

<i>If You Are a...</i>	<i>You Must Notify Consumers by...</i>	<i>...and By One or More of the Following Methods to Reach Persons Not Likely to be Reached by the Previous Method...</i>
Community Water System [64463.4(c)(1)]	Mail or direct delivery ^(a)	Publication in a local newspaper
		Posting in conspicuous public places served by the water system or on the Internet ^(b)
		Delivery to community organizations
Non-Community Water System [64463.4(c)(2)]	Posting in conspicuous locations throughout the area served by the water system ^(b)	Publication in a local newspaper or newsletter distributed to customers
		Email message to employees or students
		Posting on the Internet or intranet ^(b)
		Direct delivery to each customer

(a) Notice must be distributed to each customer receiving a bill including those that provide their drinking water to others (e.g., schools or school systems, apartment building owners, or large private employers), and other service connections to which water is delivered by the water system.

(b) Notice must be posted in place for as long as the violation or occurrence continues, but in no case less than seven days.

The notice attached is appropriate for the methods described above. However, you may wish to modify it before using it for posting. If you do, you must still include all the required elements and leave the health effects and notification language in italics unchanged. This language is mandatory [64465].

Multilingual Requirement

The notice must (1) be provided in English, Spanish, and the language spoken by any non-English-speaking group exceeding 10 percent of the persons served by the water

system and (2) include a telephone number or address where such individuals may contact the water system for assistance.

If any non-English-speaking group exceeds 1,000 persons served by the water system but does not exceed 10 percent served, the notice must (1) include information in the appropriate language(s) regarding the importance of the notice and (2) contain the telephone number or address where such individuals may contact the water system to obtain a translated copy of the notice from the water system or assistance in the appropriate language.

Population Served

Make sure it is clear who is served by your water system -- you may need to list the areas you serve.

Alternative Sources of Water

If you are providing alternative sources of water, your notice should say where to obtain it. Remember that bottled water can also be high in fluoride if the bottler uses water from your system. Make sure the bottled water meets standards by contacting the bottler and asking for the most recent test results.

Corrective Action

In your notice, describe corrective actions you are taking. Do not use overly technical terminology when describing treatment methods. Listed below are some steps commonly taken by water systems with fluoride violations. Use one or more of the following actions, if appropriate, or develop your own:

- "We are working with [local/state agency] to evaluate the water supply and researching options to correct the problem. These options may include treating the water to remove fluoride or connecting to [system]'s water supply."
- "We have stopped using the contaminated well. We have increased pumping from other wells, and we are investigating drilling a new well."
- "We will increase the frequency at which we test the water for fluoride."
- "We have since taken samples at this location and had them tested. They show that we meet the standards."

After Issuing the Notice

Send a copy of each type of notice and a certification that you have met all the public notice requirements to the DDW within ten days after you issue the notice [64469(d)]. You should also issue a follow-up notice in addition to meeting any repeat notice requirements the DDW sets.

It is recommended that you notify health professionals in the area of the violation. People may call their doctors or dentists with questions about how the violation may affect their health, and the doctors or dentists should have the information they need to respond appropriately.

It is a good idea to issue a "problem corrected" notice when the violation is resolved.

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este informe contiene información muy importante sobre su agua potable.
Tradúzcalo o hable con alguien que lo entienda bien.

Juniper Riviera County Water District Has Levels of Fluoride Above the Drinking Water Standard

Our water system recently violated a drinking water standard. Although this is not an emergency, as our customers, you have a right to know what you should do, what happened, and what we are doing to correct this situation.

We routinely monitor for the presence of drinking water contaminants. Water sample results received on [date] showed that *the drinking water provided by your community water system [name] has a fluoride concentration of [insert value] mg/L*. This is above the standard, or maximum contaminant level (MCL), of 2.0 mg/L.

What should I do?

- **Children under the age of nine should use an alternative source of water that is low in fluoride.** You may also want to contact your dentist about proper use by young children of fluoride-containing products.
- This is not an emergency. If it had been, you would have been notified immediately. Rather, *this is an alert about your drinking water and a cosmetic dental problem that might affect children under nine years of age. At low levels, fluoride can help prevent cavities, but children drinking water containing more than 2 milligrams per liter (mg/L) of fluoride may develop cosmetic discoloration of their permanent teeth (dental fluorosis).*
- *Dental fluorosis may result in a brown staining and/or pitting of the permanent teeth. This problem occurs only in developing teeth, before they erupt from the gums. Children under nine should be provided with alternative sources of drinking water or water that has been treated to remove the fluoride to avoid the possibility of staining and pitting of their permanent teeth. You may also want to contact your dentist about proper use by young children of fluoride-containing products. Older children and adults may safely drink the water.*
- *Drinking water containing more than 4 mg/L of fluoride can increase your risk of developing bone disease. Although bone disease may develop in anyone exposed to years of drinking water containing more than 4 mg/L of fluoride, dental fluorosis can occur after a relatively short period of exposure (i.e., months) in children under the age of nine.*

- For other health issues concerning the consumption of this water, you may wish to consult your doctor.
- *Some home water treatment units are also available to remove fluoride from drinking water. To learn more about available home water treatment units, you may call the State Water Resources Control Board, Residential Water Treatment Device Registration Unit at (916) 449-5600 or visit the State Board's website at <http://www.swrcb.ca.gov/>.*

What happened? What is being done?

Fluoride contamination is rarely due to human activity. Fluoride occurs naturally in some areas and is found in high concentrations in our source water.

[Describe corrective action]. We anticipate resolving the problem within **[estimated time frame]**.

For more information, please call **[water system contact name]** of **[water system name]** at **[phone number]**.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this public notice in a public place or distributing copies by hand or mail.

Secondary Notification Requirements

Upon receipt of notification from a person operating a public water system, the following notification must be given within 10 days [Health and Safety Code Section 116450(g)]:

- **SCHOOLS:** Must notify school employees, students, and parents (if the students are minors).
- **RESIDENTIAL RENTAL PROPERTY OWNERS OR MANAGERS** (including nursing homes and care facilities): Must notify tenants.
- **BUSINESS PROPERTY OWNERS, MANAGERS, OR OPERATORS:** Must notify employees of businesses located on the property.

This notice is being sent to you by Juniper Riviera County Water District

State Water System ID#: _____. Date distributed: _____.

APPENDIX 3
CERTIFICATION OF COMPLETION OF PUBLIC NOTIFICATION

Compliance Order Number: 05-13-18R-001

Name of Water System: Juniper Riviera County Water District

System Number: 3600222

Attach a copy of the public notice distributed to the water system's customers.

This form, when completed and sent to dwpdist13@waterboards.ca.gov for the Juniper Riviera County Water District, serves as certification that public notification to water users was completed as required by Title 22, California Code of Regulations, Sections 64463-64465.

Public notification for failure to comply with the Fluoride MCL was conducted on:

Notification was made on _____ (date).

For the month, year of _____, _____.

To summarize report delivery used and good-faith efforts taken, please check all items below that apply and fill-in where appropriate:

For Community and non-transient non-community public water systems

☐ The notice was distributed by mail or direct delivery to each customer on: _____

One or more of the following methods were used to reach persons not likely to be reached by a mailing or direct delivery or persons served by a transient public water system (renters, nursing home patients, prison inmates, etc.):

☐ Posted the notice at the following conspicuous locations served by the water system. (If needed, please attach a list of locations). _____

☐ Publication of the notice in a local newspaper or newsletter of general circulation (attach a copy of the published notice, including name of newspaper and date published).

☐ Posted the notice on the Internet at www. _____

☐ Other method used to notify customers. _____

I hereby certify that the above information is factual.

Certified by: Printed Name _____ Title _____

Signature _____

Date _____

Disclosure: Be advised that the California Health and Safety Code, Sections 116725 and 116730 state that any person who knowingly makes any false statement on any report or document submitted for the purpose of compliance with the Safe Drinking Water Act may be liable for, respectively, a civil penalty not to exceed five thousand dollars (\$5,000) for each separate violation or, for continuing violations, for each day that violation continues, or be punished by a fine of not more than \$25,000 for each day of violation, or by imprisonment in the county jail not to exceed one year, or by both the fine and imprisonment

APPENDIX 4: QUARTERLY PROGRESS REPORT

Water System: Juniper Riviera County Water District	Water System No: 3600222
Compliance Order No: 05-13-18R-001	Violation: Fluoride MCL
Calendar Quarter:	Date:

This form should be prepared and signed by District personnel with appropriate authority to implement the directives of the Compliance Order and the Corrective Action Plan. Please attach additional sheets as necessary. The quarterly progress report must be submitted by the 10th day of each subsequent quarter, to the Division of Drinking Water, San Bernardino District Office to the following email address: dwpdist13@waterboards.ca.gov titled appropriately.

Summary of Compliance Plan:

--

Tasks completed in the reporting quarter:

--

Tasks remaining to complete:

--

Anticipated compliance date:

Printed Name

Signature

Title

Date

APPENDIX 5 – NOTIFICATION OF RECEIPT

Compliance Order Number: 05-13-18R-001

Name of Water System: Juniper Riviera County Water District

System Number: 3600222

Certification

I certify that I am an authorized representative of the Juniper Riviera County Water District and that Compliance Order No. 05-13-18R-001 was received on _____. Further I certify that the Order has been reviewed by the appropriate management staff of the Juniper Riviera County Water District and it is clearly understood that Compliance Order No. 05-13-18R-001 contains legally enforceable directives with specific due dates.

Signature of Water System Representative

Date

**THIS FORM MUST BE COMPLETED AND RETURNED TO THE STATE WATER BOARD,
DIVISION OF DRINKING WATER, NO LATER THAN MARCH 30, 2018**

Disclosure: Be advised that the California Health and Safety Code, Sections 116725 and 116730 state that any person who knowingly makes any false statement on any report or document submitted for the purpose of compliance with the Safe Drinking Water Act may be liable for, respectively, a civil penalty not to exceed five thousand dollars (\$5,000) for each separate violation or, for continuing violations, for each day that violation continues, or be punished by a fine of not more than \$25,000 for each day of violation, or by imprisonment in the county jail not to exceed one year, or by both the fine and imprisonment.

Appendix 6

JUNIPER RIVIERA COUNTY WATER DISTRICT
25715 SANTA ROSA ROAD
P.O. BOX 386, APPLE VALLEY, CA 92307
PHONE (760) 247-9818 - FAX (760) 247-3974
EMAIL: jrcwd@basicisp.net

Eric Koester, President - Peter Horne, Director
Charlene Grenier, Director - Lorrie Steely, Director
Daniel Taylor - Director

December 8, 2017

Mr. Eric J. Zuniga, P.E.
District Engineer
San Bernardino District
Southern California Field Operations Branch
464 W. 4th Street, Suite 437
San Bernardino, CA 92401

RE: Citation No. 05-13-17C-022

Dear Mr. Zuniga,

Enclosed please find Juniper Riviera County Water District updated Compliance Plan per our telephone conference call on Wednesday, December 6, 2017. Included is the required Proof of Notification, Quarterly Progress Report and Certification Receipt of Citation No. 05-13-17C-022.

I was also notified by Richard Selby, Cal Rural Water Association, that Juniper Riviera CWD has been approved by the Mojave Water Agency for funding the MHI survey. I will be contacted by a representative from Cal Rural Water Association in the Sacramento office next week.

If you have any questions or require additional paperwork please let me know. Thank you again for all your help and assistance regarding our compliance plan and procedures.

Sincerely,


Denise Johnson, General Manager
Juniper Riviera County Water District

Cc: Amanda Chapman, Water Resource Control Engineer
John Paul Blanco, Associate Sanitary Engineer, Project Manager

Juniper Riviera County Water District
Public Water System No. 3600222
Corrective Action Plan
Citation No. 05-13-17C-022

INTRODUCTION

On 6 November 2017, the State Water Resources Control Board, Division of Drinking Water (DDW) issued Citation No. 05-13-17C-022 (Citation) to Juniper Riviera County Water (District) for a violation of the California Safe Drinking Water Act. The Citation documented that water provided by the District to its customers from its Well No. 2 is in exceedance of the primary maximum contaminant level (MCL) for fluoride of 2.0 milligrams per liter. This document is intended to fulfill the Corrective Action Plan and implementation schedule required by the Citation.

CORRECTIVE ACTION PLAN

The Citation directed the District to provide a Corrective Action Plan 'identifying improvements to the water system designed to correct the water quality problem' and an implementation schedule to ensure the District's compliance with the fluoride MCL no later than 31 October 2019.

In 2015, NV5, Inc. (NV5) prepared a Capital Improvements Plan (CIP) for the District, dated October 2015, that proposed potable water system improvement projects to address MCL exceedances at the District's water sources and to identify future water system improvements. The projects identified in the CIP which pertained to drinking water violations were utilized as the basis of the proposed planning scope that was submitted to DFA as a part of the planning phase funding application.

In May 2016, the District submitted a planning phase grant application (Project No. 360022-001P) to the State Water Resources Control Board, Division of Financial Assistance (DFA) to fund the preliminary engineering, environmental documentation, geotechnical investigation and design documents for proposed system improvements to the District's facilities. A copy of the planning scope submitted with the application is attached. These system improvements are meant to address water quality violations issued by DDW, including the recent fluoride MCL exceedances. Proposed activities which will be evaluated by the planning scope which would assist the District in achieving final compliance are investigations of existing wells to identify potential sources of MCLs, analysis of potential consolidations with nearby water systems, and/or design of improvements to the District's existing water system infrastructure.

To qualify for grant funding from DFA for planning phase funding, the District is commencing preparation of a median household income (MHI) survey to confirm that it is a disadvantaged

community and eligible for grant funding. The District anticipates the survey will be performed by a non-profit organization under contract with Mojave Water Agency. It is anticipated that the MHI survey will commence in early 2018.

IMPLEMENTATION SCHEDULE

It is not anticipated that the District will be able to achieve full compliance prior to 31 October 2019. Financial assistance from DDW will be required to advance the planning and construction phases of the proposed project improvements. An anticipated schedule for full compliance with the Citation is provided below.

January 2018	Commence Median Household Income (MHI) Survey required by DFA for grant funding eligibility
April 2018	MHI Survey Complete
December 2018	DFA issues Planning Phase Funding Agreement
January 2019	Commence Investigations of Existing District Wells
April 2019	Completion of Preliminary Engineering Report with Project Recommendations to Achieve Final Compliance
December 2019	Final Design of Project(s) to Achieve Final Compliance
January 2020	Completion of Planning Phase Environmental Documentation
February 2020	District Completes Planning Phase Activities. Submittal of Application for Constructing Phase Funding
September 2020	District Receives Construction Phase Funding
October 2020	District Improvements Projects Placed Out to Bid
December 2020	Construction Commences on Water System Improvements Projects
April 2021	Completion of Water System Improvements Projects
May 2021	Final Compliance

* * * * *

**Attachment No. 1
Scope of Planning Project
Juniper Riviera County Water District
San Bernardino County, CA
Public Water System Number 3600222**

Project Title: Water System Improvements

Description of Planning Tasks and Associated Budget

The planning tasks described below are based on four potential alternatives to address the water quality and infrastructure deficiencies of the Juniper Riviera County Water District (CWD). The water quality alternatives to be examined in the engineering report are: 1) further utilizing the CWD's existing Well No. 3 (currently utilized only on a limited basis), 2) replacement well, 3) compliance with California Waterworks Standards source capacity requirements (specifically those related to available storage capacity), and 4) interconnection/ consolidation with adjacent system(s).

1. Planning Scope Development

Develop a planning scope of proposed project. Prepare conceptual layout and memorandum. Initial consultation with State Water Resources Control Board, Division of Drinking Water (DDW).

- Subtotal Planning Scope Development: \$1,400

2. Project Administration

Coordination with DDW staff. Prepare, review, approve, and submit claims for reimbursement. Attend project meetings. Review water system data.

- Subtotal Project Administration: \$8,000

3. Well Investigation

The purpose of the investigation is gather information from the CWD's Well #3 and to determine if the Well #3's water quality can be improved with modifications, and to better determine the likelihood of a new well yielding favorable results. The investigation will be conducted in a series of efforts, corresponding chronologically with the items listed in this section. When one step is completed, the CWD and its consultant(s) will concur with DDW's District Engineer before proceeding to the next step.

For work where water sources need to be removed from service temporarily, work should be conducted in winter months, when system demand is lower. The work within Task 3 is not assumed to require bidding.

a) Request and Review Nearby System Data & Geological Review

Request and review information provided from the Department of Water Resources (DWR) and DDW related to water quality and well driller logs for comparative purposes. Evaluate data and compare to findings of previous subtasks. Conduct geological review of surrounding area.

○ Budget \$8,000

b) Well Video

Conduct a video log throughout the CWD's two active wells' depth to determine the condition of wells' interiors, including perforations, sanding, damage, offsets, and other features. Remove and replace submersible pumps/motors for videoing.

○ Budget \$14,500

c) Geophysical Logging

The geophysical logging will be conducted on Well #3 to determine the depth of the sanitary seal. Temperature logging will be used to confirm flow horizons within existing streams. The following logs will be conducted/ascertained:

- Temperature and cement/bond log – One well

○ Budget \$8,000

d) Depth Specific Sampling and Laboratory Sampling

Depth specific groundwater sampling will be conducted to assess the distribution of water quality by depth in Well #3. Up to 3 samples are anticipated in the well. The samples gathered will be taken to a state certified lab to be analyzed for the following parameters:

- Some primary drinking water standards, focusing on exceedances
- Total dissolved solids
- pH

○ Budget \$12,500

e) Data Analysis/Hydrogeologic Assessment Report

The CWD, its consultants, and DDW will review the data gathered in this task in conjunction with readily available water level data, pumpage data, and water quality data. The analysis will proceed as information is received.

This analysis will be the backbone of the findings and recommendations of the Hydrogeologic Assessment Report. The Hydrogeologic Assessment Report will recommend if a test hole should be drilled on the CWD's Well #1 property or on immediately nearby areas (Task 6).

Prepare Hydrogeologic Assessment Report outlining the examinations, including:

- Purpose of Investigation and Background Information
- Description of Field Analysis
- Groundwater Analytical Results
- Well Test Data and Aquifer Analysis Data
- Conclusions and Recommendations for Water Supply

- Correspondence with State Water Board/LPA

Review and submit draft and final versions of the Hydrogeologic Assessment Report with State Water Board and LPA.

- Budget \$13,000

- Subtotal Well Investigation: \$56,000

4. Engineering Report

An engineering report will evaluate alternatives that address the system's water quality violations and lack of source redundancy, compliance with source capacity storage requirements, review the system's infrastructure capacities, and explore potential interconnection/consolidation with a nearby system(s). Blending and replacement wells will be examined as alternatives. The engineering report will be prepared in USDA format (*USDA Bulletin 1780-2*).

The engineering report will be developed to include the following:

- Examine existing service areas of water districts, Indian reservations, and water companies/agencies in the project area. Major land uses will be identified. Outline precise locations of key existing water facilities of the CWD.
- Evaluate water demands and water sources- Compare capacities of existing sources to existing demands. Examine well logs, well configurations, well mechanical capacities, and pump/motor/piping/controls configurations at wells. Examination of safe yield from wells is not within this task.
- Examine Potential Water Sources – This task will be performed if the findings of Task 3 do not result in use as a sufficient source of water and if interconnection/consolidation is not feasible. Examine outcroppings and surface water conditions/presence to confirm probability of water at potential new well sites. Evaluate required capacities of additional wells that could replace or supplement existing CWD sources.
- Outline infrastructure required for proposed Alternatives. Provide text to describe the alternatives, required infrastructure, costs, benefits, and drawbacks.
- Identify Easement Needs - Superimpose proposed pipeline alignments, well sites, and storage tanks on mapping survey (Task 5) to identify need for additional easements.
- Prepare text of engineering report and incorporate/refer to findings of Task 3. Develop more precise project scope and project costs.
- Review draft and final versions of report with owner, state, and other agencies
 - Subtotal Engineering Report: \$30,500

5. Land Surveying, Mapping, Easements, and Potholing

- **Topographic Survey** – Conduct an aerial topographic mapping survey of the CWD's service area. Establish approximately horizontal and vertical control points based on the California Coordinate System. The vertical datum is proposed to be based on NAVD88, unless otherwise specified. The areas of proposed improvements will be mapped from the aerial photography at a contour interval of no more precise than 2 feet. Some areas blocked by trees and other features will be supplemented by a field topographic survey. The aerial mapping photography will be taken in black and white and an orthorectified photo of CWD's service area produced. Corridors of proposed improvement areas will be scribed.
 - Budget: \$25,200
- **Mapping Survey** – Conduct a property background mapping survey for the project area. The property mapping information will be obtained from record map (parcel maps, tract maps, records of survey) information and located monuments. The property mapping will extend to cover the aerial topographic mapping. The property mapping will compute existing lot line, street centerlines, and street rights-of-way.
 - Budget: \$14,500
- **Obtain title reports (4).**
 - Budget: \$750 each/ Total of \$3,000
- **Map existing easements on properties for which title reports are obtained.**
 - Budget \$5,500
- **Easements** - If easements are required, a licensed land surveyor will need to draft easements and submit to County of San Bernardino for recording. Budget does not include compensation to property owner. Up to two easements are anticipated.
 - Budget: \$2,500 each/ Total of \$5,000
- **Easement filing expenses (excludes compensation to landowners)**
 - Budget: \$300
- **Potholing** – Expose utilities at up to five locations at a depth of 6.0' or less. Survey location of exposed facilities. Identify size, depth, material, and orientation of exposed facilities. Permits and significant traffic control are not included in this task.
 - Budget: \$8,500
- **Subtotal Land Surveying and Mapping: \$62,000**

6. Environmental Documentation (CEQA Exemption)

This preliminary estimate of CEQA costs is for anticipated permanent improvements to the CWD facilities necessary for the proposed project alternatives. Investigative activities are anticipated to be exempt from CEQA. If the project is not exempt, Task A under contingency items will be undertaken. No biological and cultural resources surveys will be conducted on the proposed sites. No work on federal property is anticipated.

- Subtotal Environmental Documentation (CEQA Exemption): \$500
Note potential additional efforts in the Project Contingency Tasks below

7. Geotechnical Investigation

A geotechnical investigation should include subsurface soils investigations in the areas of proposed improvements, e.g. transmission pipelines, treatment facility building, well building, blending tank(s). The soil samples can be obtained by a boring machine and/or a backhoe. The samples will be analyzed in the laboratory for bearing strength, optimum water content, corrosivity, and soil classification. The findings will be presented in a stand-alone report.

- Subtotal Geotechnical Investigation: \$14,000
Note potential additional efforts in the Project Contingency Tasks below

8. Engineering Design (Drawings and Specifications)

The scope of the engineering design will be determined based on previous tasks in this planning scope. Potential engineering tasks are described below, separated by foreseeable alternatives for a supplemental or replacement water source. It is probable that not all of the alternatives below will be designed.

- Modifications to Well No. 1 and to Well No. 3 – Electromechanical adjustments to Well No. 1 and to Well No. 3.
 - Budget: \$30,000
- Develop drawings and specification for drilling a permanent production well. Include civil and electrical drawings, instrumentation, and control features to permit well operation and control. Well assumed to be housed within a pre-designed block wall building. Design transmission pipeline from Well No. 2 to existing storage and distribution pumping site (approximately 2,000 LF). Coordinate with Southern California Edison Company for provision of power to site.
 - Budget: \$50,000
- Develop drawings and specification for addition of up to two new bolted steel tanks located at existing CWD tank sites to meet Drinking Water Standards and fire flow requirements. Include civil and electrical drawings, instrumentation, and control features to connect with existing CWD SCADA. Connect to existing on-site and distribution system piping.
 - Budget: \$45,000
- Preparation a project cost opinions
 - Budget: \$8,000

- Engineer's general coordination with DDW's District Engineer, and the CWD.
 - Budget: \$8,000
- Subtotal Engineering Design: \$141,000

9. Regulatory Review

The design drawings and specifications will need to be reviewed by regulatory agencies prior to construction. Anticipated charges and fees from these agencies are described below.

- State Water Resources Control Board, Division of Drinking Water (DDW) - DDW will serve as the administrator of funds and overall project. DDW is also the LPA for the CWD. No direct charge by DDW is anticipated.
- County of San Bernardino Public Works – Public works owns and maintains the public roads in the project area. The Public Works Department will likely require a review and approval of the design drawings for work within the County's rights of way.
 - Budget: \$3,000
- County of San Bernardino Building and Safety Division – A new electrical service will likely require an approval from the County for use in equipping a new well. The County's approval is required before a new electrical service can be installed. Southern California Edison will likely not install a new meter or provide power unless the drawings are approved by the County's Building and Safety Division (BSD).
 - Budget: \$7,000
- Subtotal Regulatory Review: \$10,000

10. Legal

- The contract documents for the construction package, pilot testing, test hole, or other activity may need to be reviewed by CWD's legal counsel before bidding.
 - Subtotal Legal: \$15,000

Total of all Items: \$338,400

(Total does not include Project Contingency Tasks below)

Project Contingency Tasks

The tasks described below may be undertaken following approval from DDW. These efforts are not currently anticipated, but may be required as the project advances.

A. Environmental Documentation

This preliminary estimate of CEQA and NEPA costs is for anticipated permanent improvements to CWD facilities as necessary to construct improvements. NEPA may be required as one of the CWD's tank sites is located on BLM property. The CWD has an agreement with BLM to utilize this property for storage tank facilities. Investigative activities are anticipated to be exempt from CEQA/NEPA.

An environmental consultant will be hired to evaluate the level of impact from the proposed improvements. Biological and cultural resources surveys can be conducted on the proposed sites. Prepare documentation in appropriate formats to ensure compliance with CEQA and NEPA. A mitigated negative declaration (MND) is anticipated.

- Environmental consultant's fee to develop CEQA/NEPA document(s), including cultural and biological resources studies, excluding protocol surveys.
 - Budget: \$60,000
- Engineer's coordination with environmental consultant.
 - Budget: \$2,600
- Expenses to agencies are anticipated.
 - Budget: \$2,000
 - Subtotal Task A: \$64,600

B. Supplemental Geotechnical Investigations

Additional geotechnical investigations beyond those outlined previously in this report may be warranted if soils conditions explored with a backhoe identify that deeper investigations in some areas are needed to determine more precise depths of refusal (boulders/rock), if trenchless pipeline installations are selected, or to identify soils conditions at depths greater than ten feet below ground surface. Borings to depths of approximately 20 feet below ground surface would be used to identify soil characteristics and required improvements. The findings of this effort will be presented in a stand-alone report.

- Subtotal Task B: \$20,000

See attachments for schedule and cost information.

It is assumed that prevailing wages will apply for this project.

* * * * *

Drinking Water Notification to Consumers

PROOF OF NOTIFICATION

Name of Water System: Jupiter Riviera County Water District

Please explain what caused the problem if you have determined what it was and what steps you have taken to correct it. Fluoride level for well #2 exceeds MCL is 2.1 should be 0.2. Quarterly testing has begun.

Consumers Notified

☒ Yes

☐ No

If not, Explain: _____

Date of Notification: 11-22-17

On the date of notification set forth above, I served the above referenced document(s) on the consumers by:

☒ Sending a copy through the U.S. Mail, first class, postage prepaid, addressed to each of the resident(s) at the place where the property is situated, pursuant to the California Civil Code. Attach copy of Notice.

☐ Newspaper (if the problem has been corrected). Attach a copy of Notice.

☐ Personally hand-delivering a copy to each of the consumers. Attach a copy of Notice.

☒ Posted on a public bulletin board, that will be seen by each of the consumers (for small, non-community water systems with prior Division approval). Attach copy of Notice.

I hereby declare the foregoing to be true and correct under penalty of perjury.

Dated: 11-22-17

Nervie Johnson
Signature of Person Serving Notice

****Notice:** Complete this Proof of Notification and return it along with a copy of the notification to the Division within 10 days of receipt of giving public notice.

Disclosure: Be advised that the California Health and Safety Code states that any person who knowingly makes a false statement on any report or document submitted for the purpose of compliance with the attached order may be liable for a civil penalty not to exceed five thousand dollars (\$5,000) for each separate violation for each day that violation continues. In addition, the violators may be prosecuted in criminal court and upon conviction, be punished by fine of not more than twenty-five thousand dollars (\$25,000) for each day of violation, or be imprisoned in county jail not to exceed one year or by both the fine and imprisonment.

Appendix 5 - Notification of Receipt

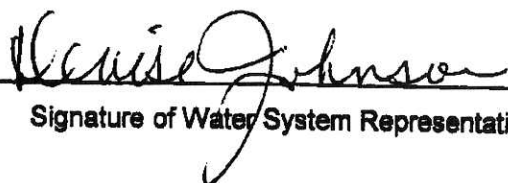
Citation Number: 05-13-17C-022

Name of Water System: Juniper Riviera County Water District

System Number: 3600222

Certification

I certify that I am an authorized representative of the Juniper Riviera County Water District and that Citation No. 05-13-17C-022 was received on _____. Further I certify that the Citation has been reviewed by the appropriate management staff of the Juniper Riviera County Water District and it is clearly understood that Citation No. 05-13-17C-022 contains legally enforceable directives with specific due dates.


Signature of Water System Representative

12-8-17
Date

**THIS FORM MUST BE COMPLETED AND RETURNED TO THE STATE WATER BOARD,
DIVISION OF DRINKING WATER, NO LATER THAN NOVEMBER 20, 2017**

Disclosure: Be advised that the California Health and Safety Code, Sections 116725 and 116730 state that any person who knowingly makes any false statement on any report or document submitted for the purpose of compliance with the Safe Drinking Water Act may be liable for, respectively, a civil penalty not to exceed five thousand dollars (\$5,000) for each separate violation or, for continuing violations, for each day that violation continues, or be punished by a fine of not more than \$25,000 for each day of violation, or by imprisonment in the county jail not to exceed one year, or by both the fine and imprisonment.

Quarterly Progress Report

Water System: <i>Juniper Rivera County Water District</i>	Water System No.: <i>36 00 22 2</i>
Compliance Order No.: <i>05-13-17C-022</i>	Violation: <i>Fluoride MCL Exceedance</i>
Calendar Quarter: <i>Nov. 2017</i>	Date Prepared: <i>12-8-17</i>

This form should be prepared and signed by Water System personnel with appropriate authority to implement the directives of the Compliance Order and the Corrective Action Plan. Please attach additional sheets as necessary. The quarterly progress report must be submitted by the 10th day of each subsequent quarter, to the Division of Drinking Water, S. B. District Office.

Summary of Compliance Plan:

<i>Quarterly Sampling Well #2 - In Process</i>
--

Tasks completed in the reporting quarter:

--

Tasks remaining to complete:

--

Anticipate compliance date:

--

<i>Denise Johnson</i>

Name

<i>Denise Johnson</i>

Signature

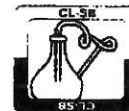
<i>General MGR</i>

Title

<i>12-8-17</i>

Date

Clinical Laboratory of San Bernardino, Inc.
 Celebrating 50 Years of Analytical Service 1967-2017



Janiper Riviera CWD
 PO Box 386
 Apple Valley CA, 92307

Project: Routine
 Sub Project:
 Project Manager: Mike Mines

Work Order: 17K1633
 Received: 11/17/17 12:50
 Reported: 12/06/17

Well 2

17K1633-01 (Water)

Sample Date: 11/17/17 8:45

Sampler: Lee Logsdon

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
General Physical Analyses									
Turbidity	EPA 180.1	0.7	0.1	5	NTU	11/17/17	11/17/17	1747006	
General Chemical Analyses									
Fluoride (F)	EPA 300.0	2.2	0.10	2	mg/L	11/17/17	11/17/17	1746192	
Metals									
Iron (Fe)	EPA 200.7	ND	100	300	ug/L	11/28/17	11/28/17	1748025	
Magnesium (Mg)	EPA 200.7	7.8	1.0		mg/L	11/22/17	11/28/17	1747072	
Radiochemistry Analyses									
Gross Alpha	EPA 900.0	4.4	3.0	15	pCi/L	11/27/17	11/27/17	1746163	
Gross Alpha Counting Error	EPA 900.0	1.9			pCi/L	11/27/17	11/27/17	1746163	
Gross Alpha Min Det Activity	EPA 900.0	1.7			pCi/L	11/27/17	11/27/17	1746163	
Uranium	EPA 908.0	3.7	1.0	20	pCi/L	12/04/17	12/05/17	1748099	
Uranium Counting Error	EPA 908.0	1.0			pCi/L	12/04/17	12/05/17	1748099	
Uranium Min Det Activity	EPA 908.0	0.89			pCi/L	12/04/17	12/05/17	1748099	

ND Analyte NOT DETECTED at or above the reporting limit

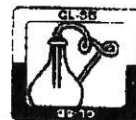
Bob Glaubig

Bob Glaubig

Laboratory Director

Clinical Laboratory of San Bernardino, Inc.

EDT Transfer Confirmation 1



Work Order: 17K1633
Report Date: 12/06/2017
Analyzing Lab: Clinical Laboratory of San Bernardino, Inc. ELAP 1088

Page 1 of 1

JUNIPER RIVIERA CWD		User ID: TAN		System: 3600222	
WELL 2		Station No.: 3600222-002		Sampled: 171117 08:45	
MAGNESIUM	Result: 7.8	Units: MG/L	Entry No.: 00927	Analyzed: 171128	
FLUORIDE (F) NATURAL - SOURCE	Result: 2.2	Units: MG/L	Entry No.: 00951	Analyzed: 171117	
IRON	Result: ND	Units: UG/L	Entry No.: 01045	Analyzed: 171128	
GROSS ALPHA	Result: 4.4	Units: PCI/L	Entry No.: 01501	Analyzed: 171127	
GROSS ALPHA COUNTING ERROR	Result: 1.9	Units: PCI/L	Entry No.: 01502	Analyzed: 171127	
URANIUM	Result: 3.7	Units: PCI/L	Entry No.: 28012	Analyzed: 171205	
TURBIDITY (LAB)	Result: 0.7	Units: NTU	Entry No.: 82079	Analyzed: 171117	
URANIUM COUNTING ERROR	Result: 1.0	Units: PCI/L	Entry No.: A-028	Analyzed: 171205	
GROSS ALPHA MDA95	Result: 1.7	Units: PCI/L	Entry No.: A-072	Analyzed: 171127	
URANIUM MDA95	Result: 0.89	Units: PCI/L	Entry No.: A-073	Analyzed: 171205	

Printed: 12/06/2017 01:12:08 PM Results of 17K1633 FINAL WRITEON 3600222-002
Post Office Box 329 San Bernardino, CA 92402 (909) 825-7693 Fax (909) 825-7696 ELAP Number 1088

Geo-Monitor, Inc.

17152 Darwin Ave Hesperia, CA 92340 (760) 244-3481

17K1633

Chain of Custody

0-1-3

Client		Turner Division Sandy Hook		Client Job No.		Analysis Requested																					
Address		75715 Santa Rosa Rd				Turn Around Time																					
Phone No.	(760) 247-7118	Fax No.		Destination Laboratory																							
Contact	Denny	Cell No.		[] Geo-Monitor, Inc																							
System No.	3600222			[] Other:																							
Project Name																											
Sampled By				Lee Logsdon (760) 498-6019																							
Comments																											
Date	Time	Sample Identification		Matrix	No.	Pres.	Type																				
11/17/17	8:45a	Well 12		0.30																							
Preservatives: (1) $\text{Na}_2\text{S}_2\text{O}_3$ (3) Cold (2) $\text{H}_2\text{SO}_4/\text{HNO}_3$ (4)								Sample Types: (1) Routine (2) Repeat (3) Replacement (4) Special (W) Well (D) Distribution																			
Relinquished By (Sign)								Print Name / Company								Received By (Sign)				Print Name / Company							
[Signature]								Lee Logsdon JRCV								11/17/17 10:35				[Signature]				Kessabac GMI			
[Signature]								Kessabac GMI								11/17/17 12:50				[Signature]				Kessabac GMI			
Rec'd at Lab By:								Rec'd Date / Time:								Comments:											
Rec'd on Ice Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>								Rec'd Intact Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>								Receptor Temperature: 21.9°C											
Shipped Via								Fed X <input type="checkbox"/> Golden State <input type="checkbox"/> UPS <input type="checkbox"/> Other <input type="checkbox"/>								Client <input type="checkbox"/> Other <input type="checkbox"/>											